

# Duct Connected (thin) -Low Static Pressure- FDUT



**New!**



FDUT15-71

## Remote control (option)

Wired



Wireless



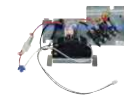
RCN-KIT4-E2

## R32 Leak detector and shut-off valve available as an option

Refrigerant  
leak detector  
RLD-KIT-E

Shut-off valve  
SV-KIT-S1N-E  
SV-KIT-L1N-E

For this model a relay kit (SV-RLY-E) is required to connect to the shut-off valve.



\*R32 indoor unit are not compatible with R410A outdoor unit and vice versa.

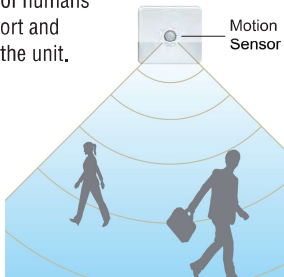
## Motion Sensor

(option)

Motion sensor is equipped in the ceiling plane or wall plane and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



LB-KIT2

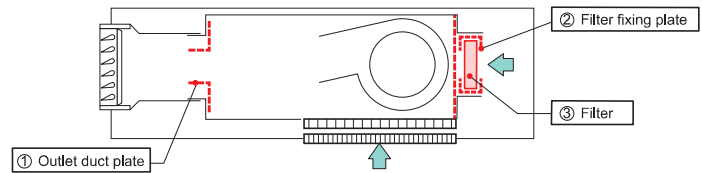


## Filter kit

(option)

Item	Contents	for FDUT15/22/28/36	for FDUT45/56	for FDUT71
Outlet duct plate	①	UT-SAT1EF	UT-SAT2EF	UT-SAT3EF
Filter set	②+③	UT-FL1EF	UT-FL2EF	UT-FL3EF

Filter pressure loss : 5 Pa



## SPECIFICATIONS

Indoor unit	FDUT		15KXZE3-W	22KXZE3-W	28KXZE3-W	36KXZE3-W	45KXZE3-W	56KXZE3-W	71KXZE3-W
Power source			1 Phase 220-240V, 50Hz						
Nominal capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.7	2.5	3.2	4.0	5.0	6.0	8.0
Power consumption	Cooling	W	57-58	63-66		67-70	75-78	76-80	80-80
	Heating			65-67		70-72	72-76	73-78	70-70
Sound power level <sup>1</sup>	Cooling	dB(A)	52	52		54	54	55	56
	Heating		55			57			
Sound pressure level <sup>1</sup> (Hi/Me/Lo)	Cooling	dB(A)	28/26/21	28/26/22		30/28/24	30/26/24	31/27/24	32/28/27
	Heating		28/25/20			31/29/25	30/27/25	31/28/26	32/28/26
Sound pressure level <sup>2</sup> (Hi/Me/Lo)	Cooling	dB(A)	32/29/25	32/29/25		37/34/28	36/33/27	38/33/29	41/37/32
	Heating								
Exterior dimensions (HxWxD)		mm	200x750x500				200x950x500		220x1150x565
Net weight		kg	22	21		22	25		31
Air flow (Hi/Me/Lo)	Cooling Heating	m <sup>3</sup> / min	6/5/4	7.5/6/5		8.5/7/5.5	11.5/9/7	12.5/9/7.2	16/13/9.5
External static pressure		Pa	Standard : 10 Max : 35				Standard : 10 Max : 50		
Outside air intake			Possible						
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")						ø9.52(3/8")
	Gas		ø9.52(3/8")			ø12.7(1/2")		ø15.88(5/8")	
Air filter (option)			UT-FL1EF				UT-FL2EF		UT-FL3EF

- The data are measured under the following conditions (ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
  - The data of nominal cooling and heating capacity and sound pressure level are measured with 10Pa of external static pressure.
  - The sound level indicates the value of rear-intake type with duct in anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
  - Sound Pressure Level shows the value when the supply duct of 2m and the return duct of 1m (except the Bottom air return) are connected to the unit.
- Sound pressure level \*1: Mike position is 1.5m below the unit, \*2: Mike position is 1m in front and 1m below of the air supply duct.

Indoor unit	FDUT		15KXE6F-E	22KXE6F-E	28KXE6F-E	36KXE6F-E	45KXE6F-E	56KXE6F-E	71KXE6F-E
Power source			1 Phase 220-240V, 50Hz						
Nominal capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1
	Heating		1.7	2.5	3.2	4.0	5.0	6.0	8.0
Power consumption	Cooling	W	60-60	70-70			80-80		80-80
	Heating								70-70
Sound power level <sup>1)</sup>	Cooling	dB(A)	52			57	58	59	
	Heating								
Sound pressure level <sup>1)</sup> (Hi/Me/Lo)	Cooling	dB(A)	28/26/22			33/30/26	34/32/28	35/33/30	35/31/28
	Heating								
Sound pressure level <sup>2)</sup> (Hi/Me/Lo)	Cooling	dB(A)	32/29/25			37/34/28	36/33/27	38/33/29	41/37/32
	Heating								
Exterior dimensions (HxWxD)		mm	200x750x500			200x950x500		220x1150x565	
Net weight		kg	22	21		22	25		31
Air flow (Hi/Me/Lo)	Cooling	m <sup>3</sup> / min	6/5/4	7.5/6/5		8.5/7/5.5	11.5/9/7	12.5/9/7.2	16/13/9.5
	Heating								
External static pressure		Pa	Standard : 10 Max : 35			Standard : 10 Max : 50			
Outside air intake			Possible						
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")						ø9.52(3/8")
	Gas		ø9.52(3/8")			ø12.7(1/2")		ø15.88(5/8")	
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